

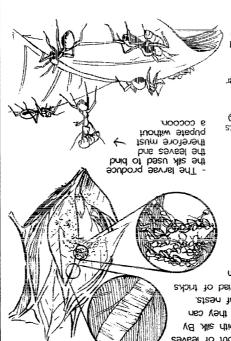


source. The leaves that are harvested by species like Atta

FUNCUS FARMING ANTS

for workers to

hide in wait



pargeir crowds are attracted to proependent and Workers are the effort ISISSE IMA SILVE wore likely other single task, the accomplish a of neuralion that are working The more ants

sa6pa laws also the violet in their MOUKELS DOICHUB regelner. Then ratchet leaves of barrio ad ueo suleus NOTICETS Waists, - By gripping onto other

TIC RESVES. mot bend and form They have a myriad of tricks build incredible leaf nests. working together, they can bound together with silk By build their nests out of leaves examples of teanwork. They

pecanze they are exemplary Weaver ants are awesome WEAVER ANTS

wall to guard the the colony as a to sages on ani Soldier ants will pridges or nests. torm structures like bodies together to can lock their - Workers pack of the colony by are carried towards the pulses, and even the queer Captured food, eggs, Next journey. trail of pheromones for the their bodies together while scouts march shead to leave a

in their way. They construct temporary 'camps' by locking the forest floor attacking and killing anything that is caught Ecitor burchellii, are nomadic. Ecitor colonies swarm across house their massive colonies, some ants, like the species While most ants are known for building elaborate nests to

Are awesome because... STNA YMAA

by ants, and find out why they are so awesome! look at some of the incredible behaviors exhibited 12,500 having been described. Let's take a quick estimated over 20,000 species, with only about belong to the family Formicidae, and there are an to their characteristically narrow 'waists.' Ants and their resemblance can easily been seen due an order shared with wasps, hornets, and bees, kingdom. Ants belong to the order Hymenoptera, not just the insect world, but of all the animal possibly some of the most complex creatures in

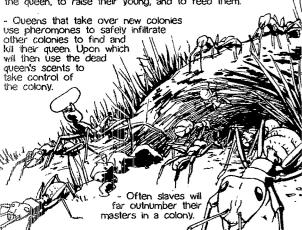
colony. However, ants are quite ground in service of the that scurry across the as autonomous machines stereotypically thought of o their size. Ants are are largely overlooked due common insects around, but Ants are some of the most

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SLAVE-MAKER ANTS

One of the more extraordinary behaviors exhibited by ants is the act of capturing slaves. Slave-making ants may either take over other ant colonies by killing their queen, or more commonly, they steal eggs and pupae from other nests to rear as their own. The resulting slave ant will tend to the master's colony as their own. Pretty awesome!

- Certain species of slave making ants like Formica rufescens cannot survive without slaves. While they are skilled at capituring slave ants, they do not know how to build nests, find food, or even eat. They rely on slave ants to tend the queen, to raise their young, and to feed them.



TRAP-SETTING - The false surface is scaffolded so that there is space between the branch ANTS and the surface

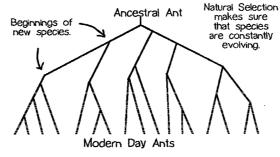
Some ant species have deviously clever methods of capturing prey. Altomerus decemarticulatus are known for using plant fibers and fungus to construct a false surface pitted with holes over the real stem of the plant. Ants hide in the holes with their jaws open to grip onto legs and antennae of large prey that land on the surface. This allows the tiny ants to take down prey much larger than they are

- Large insects are stretched and held in place while workers sling them to death or until they are paralyzed. They can then cut it into pieces for easier transportation.

Allomerus harvests fibers from the host plant and builds a frame in which live fungus is then used to fill in the surface.

BUT... HOW?

Yes, ants are completely awesome, but how is it that they have developed such diverse and unique ways to survive? Its by a process called Divergent Evolution. All of these incredible ants evolved from a common ancestor, and divergent evolution allowed slight differences in their population to branch off into their own groups. Eventually those offshoots develop their own behavior and traits, this is how different species are formed.



Now, I know what you're thinking. And yes, frankly, ants are just that awesome!

